

FIG. 1

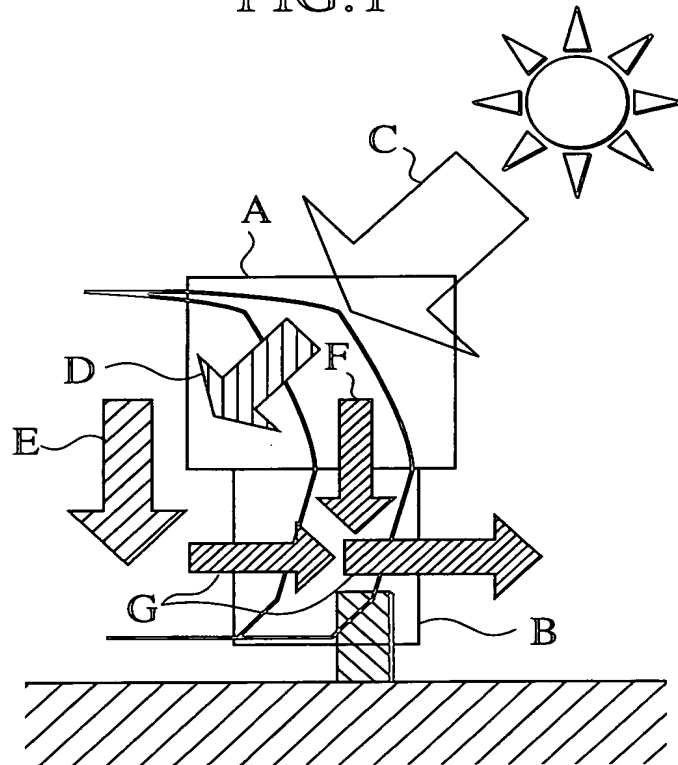


FIG.2

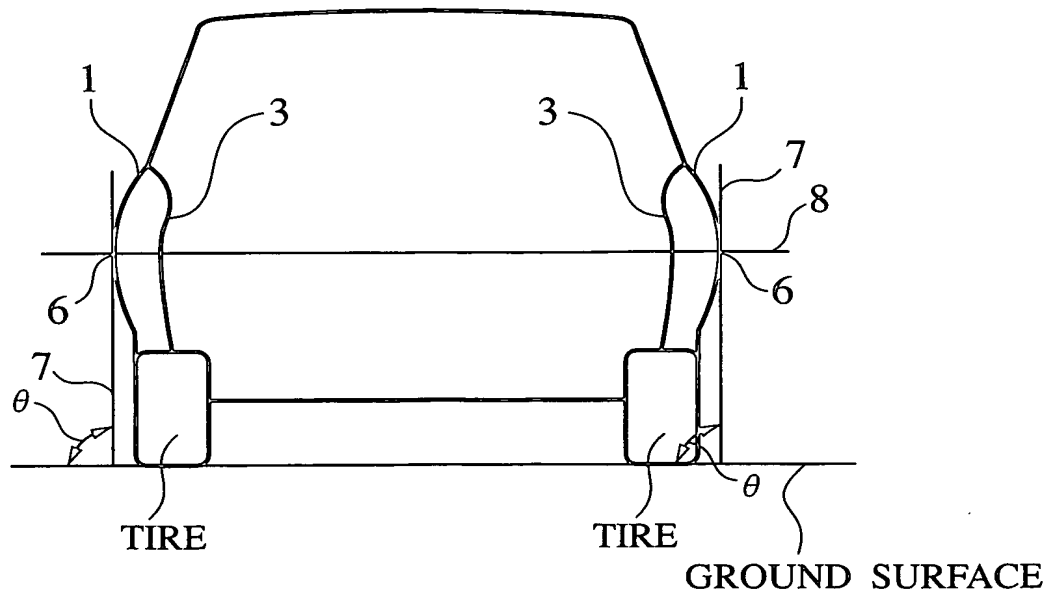


FIG.3A

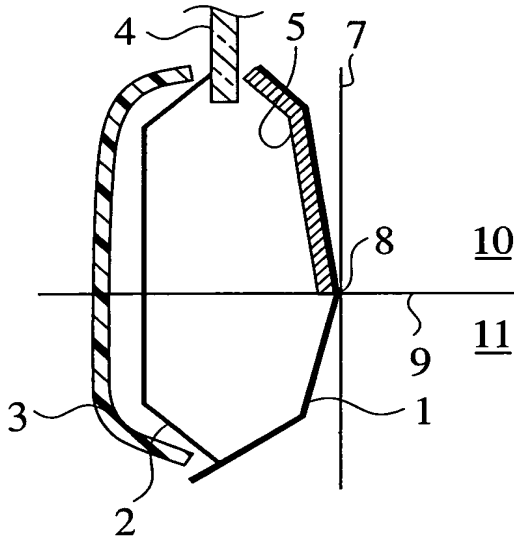


FIG.3B

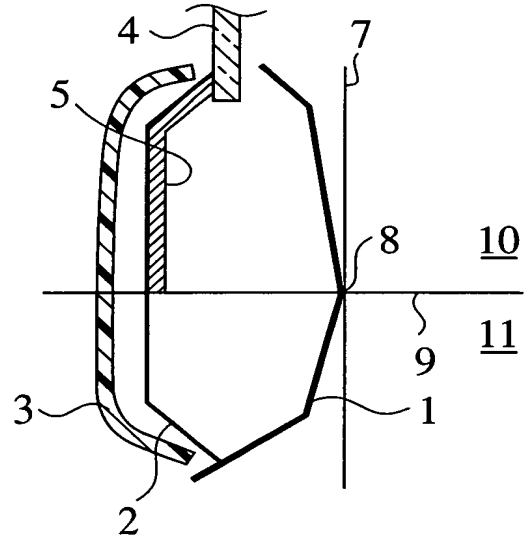


FIG.3C

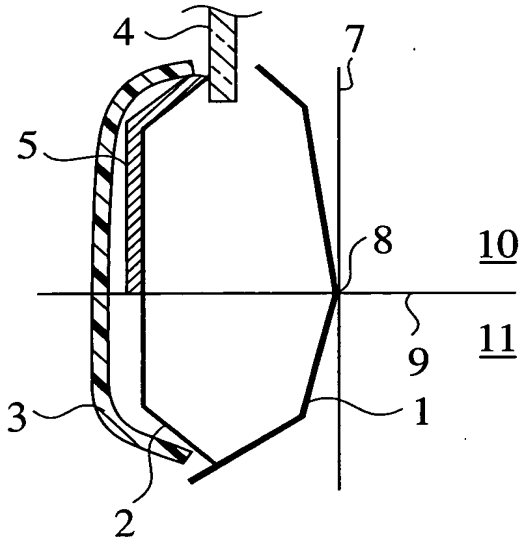


FIG.3D

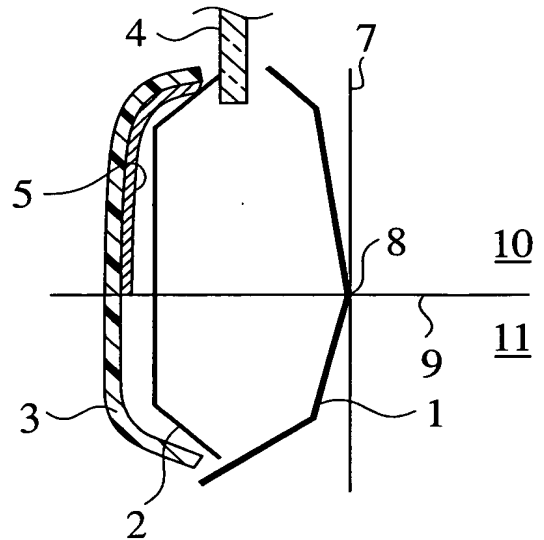


FIG.4A

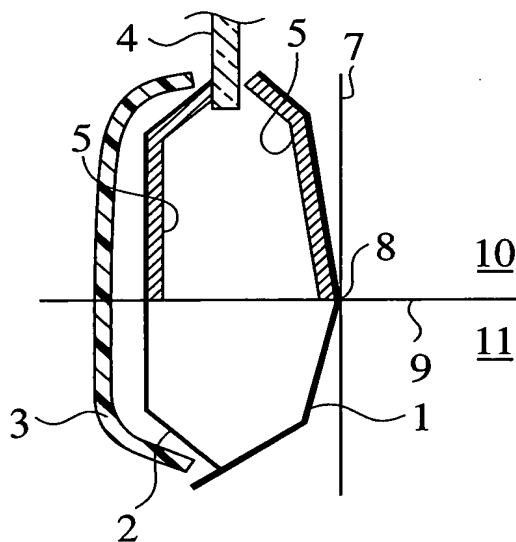


FIG.4B

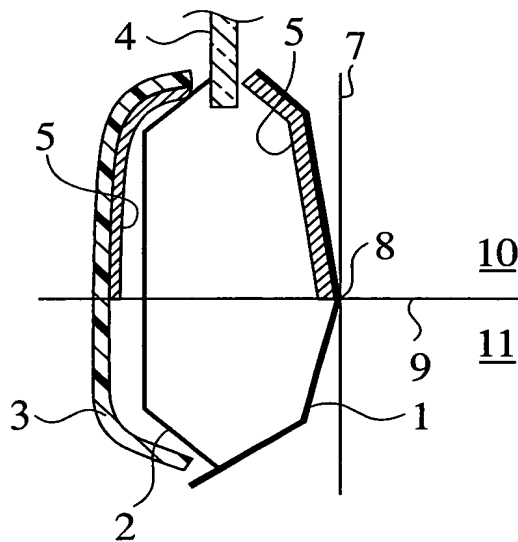


FIG.4C

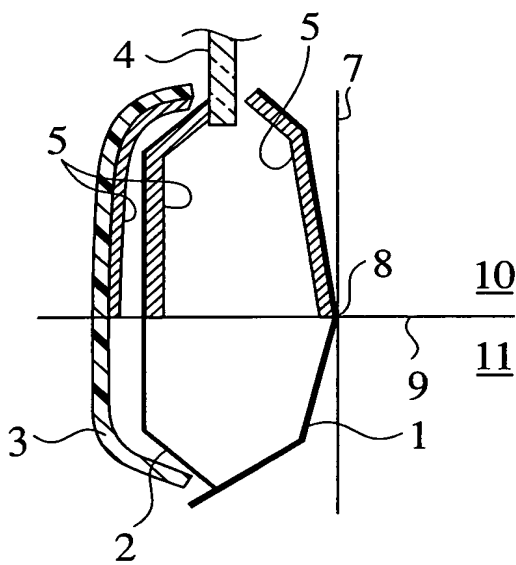


FIG.5A

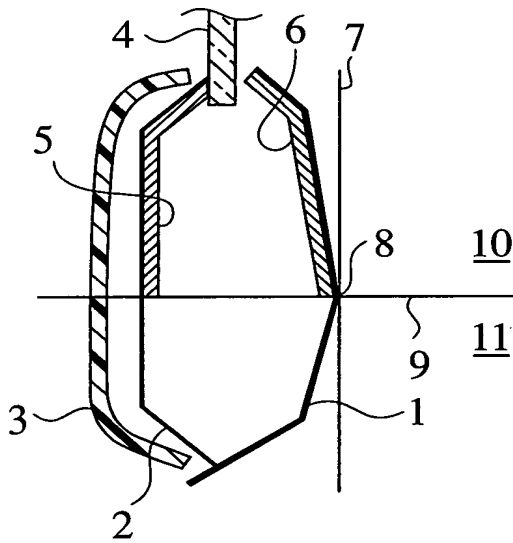


FIG.5B

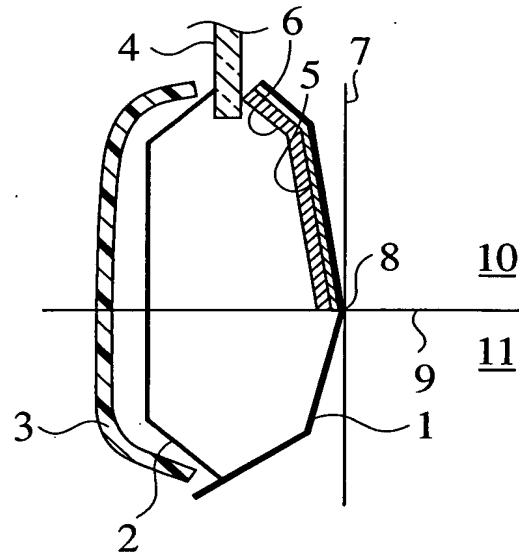
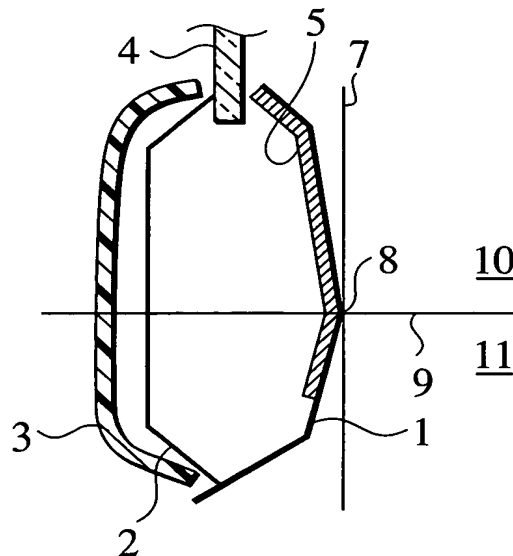


FIG.6



A detailed cross-sectional diagram of a mechanical part, labeled Fig. 10. The main body is a thick, curved plate or shell, designated by reference numeral 1. Inside this shell, there are several internal structural elements and cavities. At the top left, a vertical section 4 is shown. Below it, a curved internal feature 5 is visible. Further down, another curved section 6 is depicted. On the right side, a vertical edge or flange 7 is present. Near the bottom right, there's a small protrusion or joint 8. Along the inner curve of the shell, there are various internal surfaces and features labeled 9, 10, and 11. At the very bottom, a horizontal base or support 12 is indicated.

FIG.8

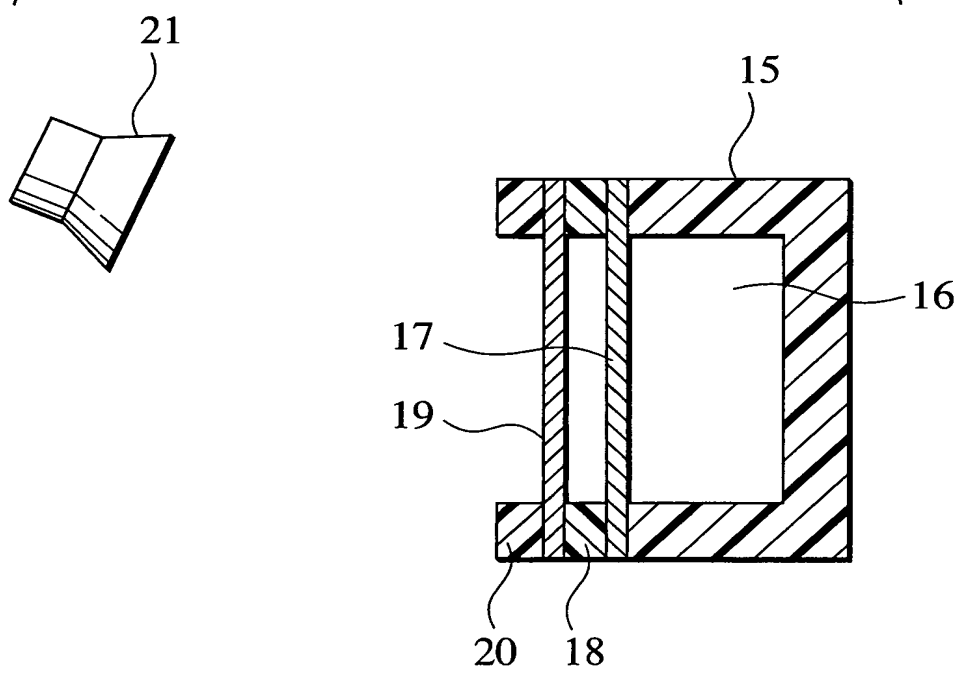


FIG.9

panel 19		panel 17	
Heat insulation section	"Heat insulator (Heat insulation method)"	Heat insulation section	"Heat insulator (Heat insulation method)"
Ex.1	None	Upper half	Al deposited PET Film
Ex.2	None	Upper half	Al Foil
Ex.3	None	Upper half	"Film coated by Al containing coating material"
Ex.4	None	Upper half	Al containg coating material
Ex.5	Upper half	None	
Ex.6	Upper half	Upper half	Al deposited PET Film
Ex.7	None	Area of 70%	Al deposited PET Film
Ex.8	None	Upper half	"PP form sheet (thickness of 1mm)"
Ex.9	None	Upper half	"PP form sheet (thickness of 2mm)"
Ex.10	None	Upper half	"Nonwoven fabric (thickness of 10mm)"
Ex.11	None	Upper half	"PP form sheet (thickness of 1mm) + Al deposited PET Film"
Ex.12	Upper half	Upper half	Al deposited PET Film
Ex.13	None	Upper half	Al deposited PET Film
Ex.14	None	Upper half	Al deposited PET Film
Ex.15	None	Upper half	Al deposited PET Film
Ex.16	None	Upper half	Al deposited PET Film
Com. Ex.1	None	None	
Com. Ex.2	None	Entire area	Al deposited PET Film
Com. Ex.3	Entire area	None	
Com. Ex.4	None	Entire area	"PP form sheet (thickness of 1mm)"

FIG. 10

panel 19			panel 17	
	Heat dissipation section	"Heat dissipation material (Heat dissipation method)"	Heat dissipation section	"Heat dissipation material (Heat dissipation method)"
Ex.1	None		Lower half	None
Ex.2	None		Lower half	None
Ex.3	None		Lower half	None
Ex.4	None		Lower half	None
Ex.5	None		Lower half	None
Ex.6	None		Lower half	None
Ex.7	None		Area of 30%	None
Ex.8	None		Lower half	None
Ex.9	None		Lower half	None
Ex.10	None		Lower half	None
Ex.11	None		Lower half	None
Ex.12	None		Lower half	None
Ex.13	None		Lower half	None
Ex.14	None		Lower half	None
Ex.15	Lower half		Lower half	Ventilation holes
Ex.16	None	High emissivity coating	Lower half	High emissivity coating
Com. Ex.1	None		Entire area	High emissivity coating
Com. Ex.2	None		Entire area	"Iron sheet, PP sheet and High emissivity coating"
Com. Ex.3	None		None	
Com. Ex.4	None		None	

FIG.11

	Surface temperature(°C)		Air temperature(°C)	
	Upper part	Lower part	Upper part	Lower part
Ex.1	55.3	54.6	54.7	53.1
Ex.2	55.5	54.8	54.7	53.2
Ex.3	56.1	54.8	55.7	56.2
Ex.4	55.2	54.3	54.7	54.1
Ex.5	54.8	54.1	54.2	53.7
Ex.6	55.3	54.2	54.6	53.7
Ex.7	52.9	49.8	50.2	49.3
Ex.8	54.9	54.6	53.4	53.1
Ex.9	56.1	54.8	54.9	54.2
Ex.10	55.4	54.4	54.6	53.8
Ex.11	56.7	54.2	55.2	53.8
Ex.12	54.5	53.2	52.9	52.7
Ex.13	52.9	50.4	51.7	50.1
Ex.14	52.3	49.2	51.4	48.8
Ex.15	52.4	51.9	51.7	51.2
Ex.16	53.1	52.9	51.4	51.0
Com. Ex.1	78.4	71.1	76.9	70.9
Com. Ex.2	68.2	64.5	66.9	62.5
Com. Ex.3	67.9	65.4	66.5	64.2
Com. Ex.4	72.5	68.5	70.4	67.0